

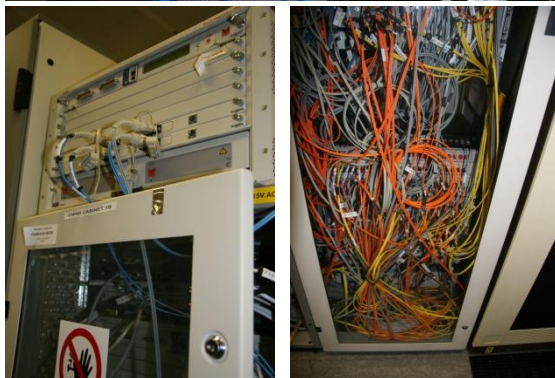
# Datacentre Audit & Recovery

## Project Background

Mafi Mushkila was retained to complete an audit of a 3,000m<sup>2</sup> datacentre that had been operational for 20-years. The datacentre was known to have capacity shortfalls and hot spots.

Mafi Mushkila conducted an audit of the datacentre to identify:

- redundant IT equipment
- hot spots; caused by poor airflow and inefficiencies in the cooling distribution system
- poor housekeeping practices
- Health & Safety issues
- fire hazards



# لا مشكله

Mafi Mushkila Ltd  
[www.mafi-mushkila.co.uk](http://www.mafi-mushkila.co.uk)



Working with the client, Mafi Mushkila conducted a series of activities to resolve as many of the issues identified in the audit as possible, including:

- decommissioned and removed from the datacentre in excess of 100-tonnes of redundant IT equipment
- relocated vented floor tiles to resolve hot spots by increasing air flow to server racks and improved efficiency by removing vented floor tiles from hot isles and from behind equipment
- remove redundant cabling
- installed blanking plates within IT racks
- implemented hot / cold isle for future installations
- fibrous material removed from the datacentre
- spare parts, materials and service spares removed from IT hall to more suitable storage facilities
- processes and procedures put in in place